35767 8/30 called M. Gehman and verified that she was not using well water. She is currently using the municipal water supply P. Tan

REMCOR, Inc. • 701 Alpha Drive • P.O. Box 38310 • Pittsburgh, PA 15238-8310 • 412-963-1106

August 26, 1988

Project No. 88548

Ms. Mabel Gehman 845-2526
504 Main Street
Bally, PA 19503

Subject:
Domestic Well Analytical Results From
Samples Collected Pursuant to the
Remedial Investigation of the
Bally Engineered Structures Site
Bally, Pennsylvania

Dear Ms. Gehman:

As you are aware, Remcor, Inc. (Remcor), an environmental consulting firm from Pittsburgh, is conducting an evaluation of ground water contamination in the Borough of Bally. This work is being performed in accordance with requirements of the U.S. Environmental Protection Agency (EPA) and the Pennsylvania Department of Environmental Resources (PADER).

In December 1987 or January 1988, you had permitted us to collect a sample from your well. We have since analyzed the samples and compiled the results. The purpose of this letter is to provide you with a copy of these results.

The samples were all analyzed for the volatile organic compounds (VOCs) identified on EPA's target compound list. All of these VOCs are listed on the accompanying "Volatile Organics Analysis Data Sheet". With reference to the data sheet, the "CAS No.", or Chemical Abstracts Service Number is merely a standard numerical designation for each of the VOCs identified by its scientific name under the heading "Compound". All concentration units are reported in terms of micrograms of the VOC per liter of sample (µg/ℓ), often also referred to as "parts per billion". Data qualifiers are reported under the "Q" column. Of importance here is the qualifier "U", which means that the VOC analyzed for was not detected at the level shown under the concentration column, which is the limit of analytical detection (the lowest concentration that the instrumentation can identify in the sample).

300559

As you can see, most of the VOCs included in the analysis were not found above the analytical detection limit in your well. Two VOCs, however, denoted with the "B" designator, were found in both your sample and a "blank" (B) sample. The blank sample is known to be free of VOCs and is analyzed as a check on the laboratory procedures. The occurrence of methylene chloride and acetone, both commonly-used laboratory reagents, in the blank sample makes their occurrence in your sample somewhat suspect. In addition, three VOCs were positively identified in your sample above the analytical detection limit. These are 1,1-dichloroethene, 1,1,1-trichloroethane, and trichloroethene. As you are aware, these VOCs were also found in your well in sampling conducted in 1983 and 1986. We understand that you were advised on the basis of these results that your well should not be used for drinking purposes. You should also be aware that the current analyses indicate an increase in the levels of these three VOCs since the last sampling in May 1986.

We appreciate the opportunity to have sampled your well and trust that this letter adequately explains the results. A copy of these results has been forwarded to both the EPA and the PADER. Should you have any questions about the analyses, you may contact either Remcor or the EPA Project Manager, Ms. Patricia Tan (215/597-3164).

Very truly yours,

John George

John A. George
Project Manager

JAG:mah
Attachment

cc: Ms. Patricia Tan, EPA Region III
Mr. Thomas Sheehan, Pennsylvania Department of Enivronmental Resources, Bureau of Solid Waste Management

Mabel Gehman

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RBBGWRW007

Lab Name: NUS ~~HOUSTON~~ MW 2/25/88 Contract: NUS

Lab Code: NUS-PGH Case No.: REMCOR SAS No.: _____ SDG No.: CCC

Matrix: (soil/water) WATER Lab Sample ID: 18010150

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: V201118804

Level: (low/med) LOW Date Received: 01/06/88

% Moisture: not dec. ____ Date Analyzed: 01/11/88

Column: (pack/cap) PACK Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	50	U	
74-83-9	Bromomethane	50	U	
75-01-4	Vinyl Chloride	50	U	
75-00-3	Chloroethane	50	U	
75-09-2	Methylene Chloride	25	B	
67-64-1	Acetone	170 ~~327~~	B	CS 3-9-88
75-15-0	Carbon Disulfide	25	U	
75-35-4	1,1-Dichloroethene	120		
75-35-3	1,1-Dichloroethane	25	U	
540-59-0	1,2-Dichloroethene (total)	25	U	
67-66-3	Chloroform	25	U	
107-06-2	1,2-Dichloroethane	25	U	
78-93-3	2-Butanone	50	U	
71-55-6	1,1,1-Trichloroethane	420		
56-23-5	Carbon Tetrachloride	25	U	
108-05-4	Vinyl Acetate	50	U	
75-27-4	Bromodichloromethane	25	U	
78-87-5	1,2-Dichloropropane	25	U	
10061-01-5	cis-1,3-Dichloropropene	25	U	
79-01-6	Trichloroethene	190		
124-48-1	Dibromochloromethane	25	U	
79-00-5	1,1,2-Trichloroethane	25	U	
71-43-2	Benzene	25	U	
10061-02-6	Trans-1,3-Dichloropropene	25	U	
75-25-2	Bromoform	25	U	
108-10-1	4-Methyl-2-Pentanone	50	U	
591-78-6	2-Hexanone	50	U	
127-18-4	Tetrachloroethene	25	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
108-88-3	Toluene	25	U	
108-90-7	Chlorobenzene	25	U	
100-41-4	Ethylbenzene	25	U	
100-42-5	Styrene	25	U	
----------	Total Xylenes	25	U	